

In the Abstract of the Disclosure:

Rewrite the Abstract as follows:

ABSTRACT OF THE DISCLOSURE

DEVICE FOR DETECTING ELECTROMAGNETIC RADIATIONS

This A device for detecting electromagnetic radiations, and in particular infrared radiations, implements a detection circuit associated with a reading ~~circuit, the~~ circuit. The detection circuit ~~consisting of~~ includes an array of detection pixels (1), each of the said pixels consisting of a thermal detector of biased (3) bolometric type (2), and delivering an electric current signal representative of the detected ~~radiation, the said~~ radiation. The current ~~undergoing~~ signal undergoes a double baselining, respectively:

- a global baselining carried out by means of a thermally isolated bolometer (8), ensuring the extraction from ~~the~~ said electric current signal, of a first current of constant value inherent to the biasing of the said thermal detector (2),
- an adaptive baselining specific to each of the pixels (1), carried out by means of a programmable current generator (9), specific to each of the pixels, generating a current for subtraction from the ~~said~~ current signal, as a function of the dispersion inherent to the pixel considered relative to a reference signal and stored in an associated memory.

The ~~said~~ associated memory is integrated at the level of each of the ~~said~~ pixels.

Figure-4